US-PAT-NO:

5200253

DOCUMENT-IDENTIFIER:

US 5200253 A

TITLE:

Hologram forming sheet and process

for producing the

same

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Detailed Description Text - DETX (185):

The protective layer (OP varnish layer) 116 may be provided by coating and any other suitable methods. If desired, it may be formed by dry laminating a transparent film in the manner already described above. The protective layer 116 is usually made of a cellulosic material but if printing or other processing is to be done on the surface of the protective layer 116, it may be formed of a poly (vinyl chloride-co-vinyl acetate) material

L Number			DB	Time stamp
1	5026	(3D "three dimensional" "three-dimensional") same (cup\$1 container\$1	USPAT;	2003/09/25 12:42
		bowl\$1)	ЕРО; ЛРО;	
			DERWENT	
3	21	(((3D "three dimensional" "three-dimensional") same (cup\$1	USPAT;	2003/09/25 12:04
	1	container\$1 bowi\$1)) same mold\$3) same transfer\$4	ЕРО; ЛРО;	
			DERWENT	
4	6957	(3D "three dimensional" "three-dimensional") same transfer	USPAT;	2003/09/25 12:42
			ЕРО; ЛРО;	
İ			DERWENT	
5	349	((3D "three dimensional" "three-dimensional") same transfer) same	USPAT;	2003/09/25 12:08
Ĭ		mold\$3	ЕРО; ЛРО;	
			DERWENT	
6	119	(((3D "three dimensional" "three-dimensional") same transfer) same	USPAT;	2003/09/25 12:09
		mold\$3) same inject\$3	ЕРО; ЛРО;	2003/03/25 12:03
			DERWENT	
7	11	("D308154" "D351530" "D356011" "2061482" "2895636"	USPAT	2003/09/25 12:15
		"3191460" "4290248" "4719063" "4956917" "5029720"	ODIAI	2003/03/23 12.13
		"5441164").PN.		
8	8	5614275.URPN.	USPAT	2003/09/25 12:16
9	5		USPAT	2003/09/25 12:16
10	19	("0734135" "0829492" "0911561" "0946407" "2367967"	USPAT	2003/09/25 12:17
		"2374371" "2704903" "2810978" "3484969" "3589045"	USFAI	2003/09/23 12:18
		"3691971" "4033059" "4040353" "4263737" "4300068"		
		"4396280" "4789573" "5098302" "5100330").PN.	1	
11	17		USPAT	2002/00/25 12 10
12	40			2003/09/25 12:19
	"	"0846586" "0956937" "1034313" "1352336" "1399313"	USPAT	2003/09/25 12:21
		"1577374" "1647175" "1725199" "1787995" "1842987"		
		"2290067" "2305890" "2356399" "2475934" "2577320"		
		"2580305" "2651870" "2810978" "3098559" "3374911"		
] .	"3535805" "3874977" "4024989" "4115939" "4482586"		
		"4582498" "4658974" "4740400" "4871077" "4909178"	,	
		"5037346" "5226538" "5292564" "5348220" "5492644").PN.	,	
13	33	4482586.URPN.	HODAT	2002/00/25 12 25
14	18	3374911.URPN.	USPAT	2003/09/25 12:27
15	15	4979325.URPN.	USPAT	2003/09/25 12:28
16	3	5937554.URPN.	USPAT	2003/09/25 12:31
17	20	("4006275" "4728377" "4767016" "4892209" "4921319"	USPAT	2003/09/25 12:32
	1 20	"5142384" "5189531" "5200253" "5319475" "5328436"	USPAT	2003/09/25 12:33
		"5405197" "5476194" "5651741" "5704652" "5721059"		
		"5775534" "5851615" "5902436" "5937554" "5942077").PN.		
18	0	6210766.URPN.	T TOTO A OT	
19	Ö	6197405.URPN.	USPAT	2003/09/25 12:35
20	28	("0703416" "1179081" "1592162" "1850760" "2133914"	USPAT	2003/09/25 12:35
20	20	"2622991" "2758035" "3558395" "4086379" "4264657"	USPAT	2003/09/25 12:35
		"4505968" "4696844" "4720409" "4721635" "4824707"		
		"4931324" "5032711" "5181745" "5320345" "5342666"		
	ĺ	"5451560" "5452508" "5458931" "5562451" "5662977"		
		"5971934" "5027554" "50605971" "3002977"		
21	10	"5871834" "5937554" "5960527").PN.		
21	10	("1542005" "2301506" "3091562" "3879876" "3980300"	USPAT	2003/09/25 12:38
22	2, 1	"4234643" "4798386" "4998734" "5040793" "5102131").PN.		
23		4264657.URPN.	USPAT	2003/09/25 12:38
4 3	35	("4039098" "4073231" "4088250" "4264657" "4268567"	USPAT	2003/09/25 12:40
		"4273816" "4359160" "4383422" "4500386" "4534391"		
		"4832774" "4933218" "4983238" "5022235" "5163608"		
		"5186350" "5205473" "5259529" "5324153" "5384174"		
		"5385260" "5425497" "5467891" "5547124" "5628453"		
		"5685480" "5713148" "5713512" "5716682" "5724891"		
,		"5762379" "5765716" "5766401" "5769311" "5805969").PN.		
2	399	((3D "three dimensional" "three-dimensional") same (cup\$1 container\$1	USPAT;	2003/09/25 12:42
		bowl\$1)) same mold\$3	ЕРО; ЈРО;	·- -
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Search History 9/25/03 3:25:36 PM Page 1

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	(2)	((3D "three dimensional" "three-dimensional") same (cup\$1 container\$1	USPAT;	2003/09/25 14:13
24	62	bowl\$1)) same mold\$3 same inject\$3	ЕРО; ЛРО;	2003/09/23 14.13
		oowisi)) same moids same injects	DERWENT	
25	1	5800759.URPN.	USPAT	2003/09/25 12:47
26	10	3800737.0KFN. ("4755129" "4826641" "4882117" "4901552" "5002706"	USPAT	2003/09/25 12:48
26	10	(4733129 4820041 4882117 4901332 3002700 "5128091" "5195162" "5196152" "5221232" "5271882").PN.	USIAI	2003/03/23 12.46
07	592	264/135.ccls.	USPAT;	2003/09/25 14:13
27	392	204/133.ccis.	EPO; JPO;	2003/03/23 14.13
			DERWENT	
28	180	264/135.ccls. and inject\$3	USPAT;	2003/09/25 14:33
20	100	204/135.00is. and injectus	EPO; JPO;	2003/07/23 11:55
ļ			DERWENT	
29	6	("D129823" "2641403" "2867365" "3926361" "4210618"	USPAT	2003/09/25 14:30
27		"5013516").PN.	******	2000,000,000
30	3	5779841.URPN.	USPAT	2003/09/25 14:30
31	3	("3246066" "3421967" "3681180").PN.	USPAT	2003/09/25 14:31
32	41	3839129.URPN.	USPAT	2003/09/25 14:31
33	653	264/132.ccls.	USPAT;	2003/09/25 14:33
33			ЕРО; ЛРО;	
			DERWENT	
34	17	264/132.ccls, and varnish	USPAT;	2003/09/25 14:36
			ЕРО, ЈРО;	
			DERWENT	
35	7	5182063.URPN.	USPAT	2003/09/25 14:35
36	130	264/132.ccls. and inject\$3	USPAT;	2003/09/25 14:52
		·	ЕРО; ЛРО;	'
	,		DERWENT	
37	4	("2200042" "2931119" "3122598" "3270101").PN.	USPAT	2003/09/25 14:44
38	14	2931119.URPN.	USPAT	2003/09/25 14:45
39	10		USPAT	2003/09/25 14:46
40	7		USPAT	2003/09/25 14:46
		"4440590" "4495125").PN.		
41	6	("1984069" "2451913" "2577320" "2622991" "3086268"	USPAT	2003/09/25 14:48
		"3616192").PN.	tran .m	2002/00/25 14 40
42	12	2622991.URPN.	USPAT	2003/09/25 14:49
43	12	2622991.URPN.	USPAT	2003/09/25 14:50
44	28	("0703416" "1179081" "1592162" "1850760" "2133914"	USPAT	2003/09/25 14:51
		"2622991" "2758035" "3558395" "4086379" "4264657"		
		"4505968" "4696844" "4720409" "4721635" "4824707" "4931324" "5032711" "5181745" "5320345" "5342666"		
		4931324 3032711 3181743 3320343 3342000 "5451560" "5452508" "5458931" "5562451" "5662977"		·
		3431300 3432308 3436931 3302431 3002977 "5871834" "5937554" "5960527").PN.		
45	1	("4931248").PN.	USPAT	2003/09/25 14:53
46	34	264/132.ccls. and 264/135.ccls.	USPAT;	2003/09/25 14:57
70]	20 11 132.0015. and 20 11 133.0015.	EPO; JPO;	2003/03/23 11.37
			DERWENT	
47	653	264/132.ccls.	USPAT;	2003/09/25 15:06
''			ЕРО; ЈРО;	2000/07/22 20/00
			DERWENT	
48	170	mold\$3 same inject\$3 same label same (cup\$1 container\$1 bottle\$1)	USPAT;	2003/09/25 15:19
		(EPO; JPO;	
	•		DERWENT	
49	1207	(protect\$4 near5 (coating layer)) same inject\$ same mold\$3	USPAT;	2003/09/25 15:21
			ЕРО; ЛРО;	
			DERWENT	
50	17	((protect\$4 near5 (coating layer)) same inject\$ same mold\$3) and	USPAT;	2003/09/25 15:21
	,	(264/135.ccls. 264/134.ccls.)	ЕРО, ЛРО;	
		·	DERWENT	

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L Number		Search Text	DB	Time stamp
1	562	varnish same (protective near5 (coating layer))	USPAT	2003/09/25 15:51
2	24	(varnish same (protective near5 (coating layer))) same label\$1	USPAT	2003/09/25 15:51
3	83	(varnish same (protective near5 (coating layer))) same printing\$1	USPAT	2003/09/25 15:51
4	37	5200253.URPN.	USPAT	2003/09/25 16:03

L Number	Hits	Search Text	DB	Time stamp
1	5026	(3D "three dimensional" "three-dimensional") same (cup\$1 container\$1	USPAT;	2003/09/25 12:42
		bowl\$1)	ЕРО; ЛРО;	
		///ATS 8/4 1' 18 8/4 1' 18 8/4 1'	DERWENT	2002/2077
3	21	(((3D "three dimensional" "three-dimensional") same (cup\$1	USPAT;	2003/09/25 12:04
		container\$1 bowl\$1)) same mold\$3) same transfer\$4	ЕРО; ЛРО;	
		(455 m.)	DERWENT	
4	6957	(3D "three dimensional" "three-dimensional") same transfer	USPAT;	2003/09/25 12:42
			ЕРО; ЛРО;	
,	240	(/21) #41 1: 10 #41 1: 10	DERWENT	2002/00/25 12:09
5	349	((3D "three dimensional" "three-dimensional") same transfer) same mold\$3	USPAT; EPO; JPO;	2003/09/25 12:08
		inoras	DERWENT	
6	119	(((3D "three dimensional" "three-dimensional") same transfer) same	USPAT;	2003/09/25 12:09
١ ا	117	mold\$3) same inject\$3	EPO; JPO;	2003/03/23 12.03
		morado) same injectos	DERWENT	1
7	11	("D308154" "D351530" "D356011" "2061482" "2895636"	USPAT	2003/09/25 12:15
′	•••	"3191460" "4290248" "4719063" "4956917" "5029720"	051711	2003/07/23 12:13
		"5441164").PN.		
8	8	5614275.URPN.	USPAT	2003/09/25 12:16
9	5		USPAT	2003/09/25 12:17
10	19	1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	USPAT	2003/09/25 12:18
		"2374371" "2704903" "2810978" "3484969" "3589045"		
		"3691971" "4033059" "4040353" "4263737" "4300068"		
		"4396280" "4789573" "5098302" "5100330").PN.		
11	17		USPAT	2003/09/25 12:19
12	40	1 ()	USPAT	2003/09/25 12:21
		"0846586" "0956937" "1034313" "1352336" "1399313"		
		"1577374" "1647175" "1725199" "1787995" "1842987"		
		"2290067" "2305890" "2356399" "2475934" "2577320"		
		"2580305" "2651870" "2810978" "3098559" "3374911"		
		"3535805" "3874977" "4024989" "4115939" "4482586"		
		"4582498" "4658974" "4740400" "4871077" "4909178"		
12	22	"5037346" "5226538" "5292564" "5348220" "5492644").PN.	HCDAT	2002/00/25 12:27
13 14	33 18	4482586.URPN. 3374911.URPN.	USPAT USPAT	2003/09/25 12:27 2003/09/25 12:28
15	15	4979325.URPN.	USPAT	2003/09/25 12:31
16	3	5937554.URPN.	USPAT	2003/09/25 12:32
17	20	("4006275" "4728377" "4767016" "4892209" "4921319"	USPAT	2003/09/25 12:33
•	20	"5142384" "5189531" "5200253" "5319475" "5328436"	001111	2003/03/23 12:33
		"5405197" "5476194" "5651741" "5704652" "5721059"		
		"5775534" "5851615" "5902436" "5937554" "5942077").PN.		
18	0	6210766.URPN.	USPAT	2003/09/25 12:35
19	0	6197405.URPN.	USPAT	2003/09/25 12:35
20	28	("0703416" "1179081" "1592162" "1850760" "2133914"	USPAT	2003/09/25 12:35
		"2622991" "2758035" "3558395" "4086379" "4264657"		
		"4505968" "4696844" "4720409" "4721635" "4824707"		
		"4931324" "5032711" "5181745" "5320345" "5342666"		
		"5451560" "5452508" "5458931" "5562451" "5662977"		
		"5871834" "5937554" "5960527").PN.		
21	10	("1542005" "2301506" "3091562" "3879876" "3980300"	USPAT	2003/09/25 12:38
		"4234643" "4798386" "4998734" "5040793" "5102131").PN.		
22	21	4264657.URPN.	USPAT	2003/09/25 12:38
23	35	["4039098" "4073231" "4088250" "4264657" "4268567"	USPAT	2003/09/25 12:40
		"4273816" "4359160" "4383422" "4500386" "4534391"		
ĺ		"4832774" "4933218" "4983238" "5022235" "5163608" "5186350" "5305473" "5350530" "5324153" "5324174"	1	
		"5186350" "5205473" "5259529" "5324153" "5384174" "5285260" "5425407" "5467801" "5647124" "5628453"	1	
		"5385260" "5425497" "5467891" "5547124" "5628453" "5685480" "5713148" "5713512" "5716682" "5724891"		
İ			1	Ī
		"\$762370" "\$76\$716" "\$766401" "\$760311" "\$00\$040"\ DNT		ì
,	300	"5762379" "5765716" "5766401" "5769311" "5805969").PN.	IIQDAT:	2003/00/25 12:42
2	399	"5762379" "5765716" "5766401" "5769311" "5805969").PN. ((3D "three dimensional" "three-dimensional") same (cup\$1 container\$1 bowl\$1)) same mold\$3	USPAT; EPO; JPO;	2003/09/25 12:42

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24	62	((3D "three dimensional" "three-dimensional") same (cup\$1 container\$1 bowl\$1)) same mold\$3 same inject\$3	USPAT; EPO; JPO;	2003/09/25 12:42
25 26	1 10	5800759.URPN. ("4755129" "4826641" "4882117" "4901552" "5002706" "5128091" "5195162" "5196152" "5221232" "5271882").PN.	DERWENT USPAT USPAT	2003/09/25 12:47 2003/09/25 12:48